

Notice of Allowability

Application No.

09/631,301

Applicant(s)

KIMURA ET AL.

Examiner

Art Unit

Charlie C. Agwumezie

3621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to communication filed December 8, 2006.
2. ☒ The allowed claim(s) is/are 11 and 13.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 08/02/00
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Charlie C.L. Agwumezie
Patent Examiner
Art Unit 3621

DETAILED ACTION

Allowable Subject Matter

1. Claims 11, and 13 is allowed.

2. The following is an examiner's statement of reasons for allowance:

The closest prior art of records are U.S. Patent No. 5,384,831 to Creswell et al, and U.S. Patent No. 4,800,590 to Vaughan.

Applicant discloses an authentication method, comprising:

(a) receiving a first identifier of a user and a password from the user at a point of service (POS) terminal; (b) obtaining a first password corresponding to said first identifier; (c) identifying said user by comparing the first password and said password received from the user; (d) thereafter, obtaining a second password and a second identifier corresponding to said first identifier, said second identifier comprising a mobile terminal call number of a communication terminal; (e) thereafter, establishing a communication link between a signal source and the communication terminal using the second identifier for the purpose of third party authentication of said user; (f) receiving another password from the communication terminal; and (g) establishing authentication of said user when said another password matches said second password, wherein: step (b) includes correlating the first identifier with corresponding information stored in a database to obtain said first password from the corresponding information.

Creswell et al discloses a system for providing personalized telephone calling features, wherein each subscriber dynamically Specifies a number of caller identifiers

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and a different call treatment for each such identifier as well as a particular billing mode. A call treatment may include, for example, a call forwarding specification to forward an associated call to a (a) particular telephone number, (b) default telephone number, or (c) messaging service. In particular, a plurality of stored caller identifiers are stored for a subscriber telephone number each defining a respective call treatment. When a first telephone call is directed to the subscriber telephone number, the caller provides one of the caller identifiers, and the call is processed using the call treatment associated with the received caller identifier. In one embodiment of Creswell, a subscriber calls a service number and enters his PIN. The service compares the entered PIN with a database of stored PINs. If there is a match, the service then gives the subscriber an announcement providing a list of calling features to access. One such feature is a facsimile service EFAX system 300 and another is a financial service system 400. If the subscriber selects the facsimile service, his call is connected to EFAX system 300, and he must then enter a password to access a stored fax or send a fax. If the subscriber selects the financial service, his call is connected to system 400, and he must then enter a password to receive various financial indicators.

Vaughan discloses a computer access system including a password generator and an lock computer connected to receive passwords generated by the password generator and grant access to a host computer when a password from the password generator matches a password separately generated by the lock computer. During a given time interval, entry of the personal identification number in password generator will cause the password to generate a unique password from the random number

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sequence in memory and time interval information from clock. The user transmits the so-generated password to the lock computer which independently generates a comparison password from the corresponding pseudo-random number sequence stored in memory and time interval defined by the clock.

Creswell et al and Vaughan fail to teach or suggest, either alone or in combination, the features of amended independent claims 11 and 13. Specifically, Creswell et al and Vaughan fail to teach or suggest, either alone or in combination, the steps (d)-(g) of claims 11 and 13 because (i) there is no disclosure of a second password and a second identifier corresponding to the first identifier, said second identifier comprising a mobile terminal call number of the communication terminal, (2) nor is there any disclosure of a second identifier used in establishing a communication link between a signal source and a communication terminal, (3) nor is there any disclosure of receipt of yet another password from the communication terminal, and (4) nor is there any disclosure of establishing authentication when the yet another password matches a second password wherein: step (b) includes correlating the first identifier with corresponding information stored in a database to obtain said first password from the corresponding information.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior arts made of record and not relied upon is considered pertinent to applicants disclosure.

- Foladare et al (U.S. Patent No. 5,914,472) discloses Credit card spending authorization control system.
- Ratayczak et al (U.S. Patent No. 6,259,909) discloses Method for securing access to a remote system.
- Bouricius et al (U.S. Patent No. 4,326,098) High security system for electronic signature verification

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles C. Agwumezie whose number is **(571) 272-6838**. The examiner can normally be reached on Monday – Friday 8:00 am – 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Andrew Fischer** can be reached on **(571) 272 – 6779**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free). If you would like assistance from a USPTO

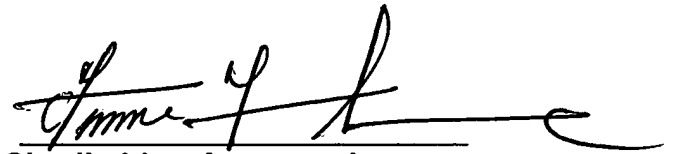
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Customer Service Representative or access to the automated information system, call

800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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Acc
March 28, 2007



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